

Abstract

In a communication system (100) for decoding a quick paging channel (QPCH), a receiver (200) determines a channel condition of a pilot channel received at a mobile station (102-104). A control system (210, 401) determines receive diversity at the receiver (200) by determining a number of a plurality of receiver chains (290) in the receiver (200) for receive diversity based on the determined channel condition. The receiver (200) determines a first data bit of the QPCH in accordance with processing of one or more signals produced based on the determined receive diversity. The control system (210, 401) is configured for reducing the number of selected receiver chains (290) when the determined channel condition is above a first channel condition threshold (601) and increasing the number of selected receiver chains (290) when the determined channel condition is below a second channel condition threshold (602).